

Session Program

19-23 May 2025



FCC Week 2025

FCC-hh accelerator

Hofburg Vienna
Hofburg Vienna, Heldenplatz, 1010 Vienna Austria

Thursday 22 May

10:30

FCC-hh accelerator: Optics baseline, HTS coating, and cryogenics

Session | Location: Rittersaal | Convener: Vladimir Shiltsev

10:30–11:00 Feasibility Study Baseline Layout and Prospects for FCC-hh

Speaker

Gustavo Perez Segurana

11:00–11:15

Hybrid REBCO-Cu coating for the FCC beam screen to achieve low surface impedance and high magnetic field homogeneity

Speaker

Dr Joffre Gutierrez Royo

11:15–11:30

TI-1223 Superconducting Films for Beam Screen Coatings in FCC: Synthesis and Performance Validation

Speaker

Dr Emilio Bellingeri

11:30–12:00

Cryogenic baseline and advancements on the 4.5 K option for FCC-hh using Nb3Sn magnets

Speakers

Dr Patricia Tavares Coutinho Borges De Sousa, Ximo Gallud Cidoncha

12:00